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## What is claim is:

1. A method for the sterilization of a labile glucocorticosteroid, comprising the step of applying moist heat to a suspension of a labile glucocorticosteroid for a sterilizing-effective time.

- 2. A method for the sterilization of a glucocorticosteroid, comprising the step of heating an aqueous suspension of a glucocorticosteroid, wherein the glucocorticosteroid has a sufficiently low solubility in water and is used in a sufficient amount that at least 50% of the glucocorticosteroid is in the form of a suspension during heating.
- 3. The method of claim 2, wherein at least 60% of the glucocorticosteroid is in the form of a suspension during heating.
- 4. The method of any preceding claim, wherein heating is at a temperature of from about 101°C to about 145°C.
- 5. The method of any preceding claim, wherein heating is carried out by autoclaving.
- 6. The method of any preceding claim, wherein heating is carried out for about 2 to about 180 minutes.
- 7. The method of any preceding claim, wherein the suspension further comprises a surfactant.
- 8. The method of claim 7, wherein the surfactant is present at a concentration of from about 0.75 mg/ml to about 60 mg/ml.
- 9. The method of any preceding claim, wherein the glucocorticosteroid is budesonide or beclomethasone dipropionate.
- 10. The method of claim 9, wherein the glucocorticosteroid is budesonide, and the heating is carried out at 121°C for about 20–30 minutes or at 110°C for about 120 minutes.
- 11. The method of claim 9, wherein the glucocorticosteroid is beclomethasone dipropionate, and the heating carried out at 121°C for about 20–30 minutes or at 110°C for about 120 minutes.
- 12. The method of any preceding claim, wherein the glucocorticosteroid is at a concentration of from about 15 mg/ml to about 150 mg/ml.

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13. A method for the sterilization of budesonide, comprising the step of heating an aqueous suspension of budesonide at a concentration of from about 15 mg/ml to about 150 mg/ml at a temperature of from about 101°C to about 145°C for about 2 to about 180 minutes.

- 14. The method of any preceding claim, further comprising the step of diluting the suspension to a pharmaceutically suitable concentration.
- 15. A composition obtainable by the method of any preceding claim.
- 16. A sterile aqueous suspension comprising a glucocorticosteroid obtained by the method of any of claims 1 to 14, wherein the particle size of the glucocorticosteroid is such that the Dv100 is less than 20  $\mu$ m, the Dv90 is less than 10  $\mu$ m and the Dv50 is less than 5  $\mu$ m.
- 17. A sterile aqueous budesonide suspension obtained by the method of any of claims 1 to 14, wherein the suspension comprises less than 0.2% by weight of 1,2-dihydro budesonide based on the amount of budesonide.